

Supplemental Table S3. HRs and 95% CIs for the associations between physical activity and breast cancer risk, excluding known BRCA 1 and 2 mutation carriers, The Sister Study

		Overall		Premenopausal		Postmenopausal	
	PY	N cases	HR ^a (95% CI)	N cases	HR ^a (95% CI)	N cases	HR ^a (95% CI)
Total average hours/week							
Continuous	420,641	2,774	0.99 (0.97, 1.00)	470	1.04 (1.01, 1.07)	2,282	0.98 (0.96, 0.99)
0-<1	140,122	955	1.00	153	1.00	797	1.00
1-<4	173,387	1,119	0.91 (0.83, 0.99)	191	1.08 (0.87, 1.34)	916	0.87 (0.79, 0.96)
4-<7	70,224	464	0.89 (0.80, 1.00)	85	1.29 (0.98, 1.68)	377	0.82 (0.72, 0.94)
≥7	36,908	236	0.84 (0.73, 0.98)	41	1.46 (1.03, 2.08)	192	0.75 (0.63, 0.89)
Total average MET-hours/week							
Continuous (IQR increase)	420,641	2,774	0.96 (0.93, 1.00)	470	1.10 (1.03, 1.18)	2,282	0.92 (0.88, 0.96)
Quartile 1	102,214	733	1.00	110	1.00	620	1.00
Quartile 2	110,235	691	0.85 (0.77, 0.94)	111	0.93 (0.72, 1.22)	574	0.83 (0.74, 0.93)
Quartile 3	101,668	673	0.87 (0.78, 0.96)	107	1.08 (0.83, 1.42)	558	0.82 (0.73, 0.92)
Quartile 4	106,523	677	0.82 (0.74, 0.92)	142	1.27 (0.99, 1.65)	530	0.74 (0.66, 0.84)
At least one activity in the past 12 months							
No	68,908	484	1.00	67	1.00	416	1.00
Yes	351,974	2,290	0.88 (0.80, 0.98)	403	1.23 (0.94, 1.60)	1,866	0.82 (0.74, 0.92)

^a Adjusted for race, residence type, education, parity, alcohol use, and smoking status

Abbreviations: HR, hazard ratio; CI, confidence interval; PY, person-years; N, number; IQR, interquartile range